



# Heath TEST REPORT

For

Kids GPS Watches

**Model No.:** GW100, GW200, GW300, GW400, GW500, GW600, GW700, GW800, GW900, GW1000, GW100S, GW200S, GW300S, GW400S, GW500S, GW600S, GW700S, GW800S, GW900S, GW1000S, Q50, H1, EW100, EW200, EW300, EW400, EW500, EW600, EW700, EW800, EW900, EW1000, EW100S, EW200S, EW300S, EW400S, EW500S, EW600S, EW700S, EW800S, EW900S, EW1000S

**Applicant :** Shenzhen Wonlex Technology Co., Ltd.  
Room 807, Shi Feng Building, 6267 Bao'an Road, Bao'an District, Shenzhen, China.

**Manufacturer :** Shenzhen Wonlex Technology Co., Ltd.  
2nd Floor, Building D, Funing Hi-tech Industry Park, Xintian Road, Bao'an District, Shenzhen City, China.

**Issued By :** Global-Standard Testing Service Co., Ltd.  
Room 1911-1914, Noble Plaza, Qian Jin 1st Road  
Bao An district, Shenzhen, Guangdong, China  
**Tel :** +86 755 33863599  
**Email :** market@gstslab.com

**Report Number :** GST1512241260H  
**Issued Date :** December 29, 2015  
**Date of Report :** December 29, 2015

**Note:**

1. The test data and result is based on the tested sample only.
2. Please verify information in the report on GST web: [www.gstslab.com](http://www.gstslab.com) through report number.
3. All rights reserve, the pirate edition investigates necessarily! This report shall not be reproduced unless Under the authority of Global-Standard Testing Service Co., Ltd.

# 1. GENERAL INFORMATION

## 1.1. Product Description for Equipment Under Test (EUT)

EUT	: Kids GPS Watches
Model No.	: H1
Frequency Range	: 2402.00-2480.00MHz
Channel Number	: 79
Channel Spacing	: 1MHz
Modulation Type	: GFSK(1Mbps), $\pi/4$ -DQPSK(2Mbps) , 8-DPSK(3Mbps)
Bluetooth Version	V3.0
Antenna Gain	: Integral antenna, 2.0dBi(Max.)
Input Voltage	: DC 3.7V

## 1.2. Objective

According to its specifications, the EUT must comply with the requirements of the following standards:  
EN 62479: 2010 -Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)

## 1.3. Test Methodology

All measurements contained in this report were conducted with EN 62479: 2010.

### 1.5. Support equipment List

Manufacturer	Description	Model	Serial Number	Certificate
--	--	--	--	--

### 1.6. External I/O

I/O Port Description	Quantity	Cable
USB Charging Port	1	0.6m, unshielded

### 1.7. Equipment

Radiated emissions are measured with one or more of the following types of linearly polarized antennas: tuned dipole, bi-conical, log periodic, bi-log, and/or ridged waveguide, horn. Spectrum analyzers with pre-selectors and quasi-peak detectors are used to perform radiated measurements. Conducted emissions are measured with Line Impedance Stabilization Networks and EMI Test Receivers.

Calibrated wideband preamplifiers, coaxial cables, and coaxial attenuators are also used for making measurements.

All receiving equipment conforms to CISPR Publication 16-1, "Radio Interference Measuring Apparatus and Measurement Methods."

### 1.8. Measurement Uncertainty

Test Item		Uncertainty
Radio Frequency	:	$\pm 0.9 \times 10^{-4}$
Total RF Power, Conducted	:	$\pm 1.0$ dB
RF Power Density, Conducted	:	$\pm 1.8$ dB
Spurious Emissions, Conducted	:	$\pm 1.8$ dB
All Emissions, Radiated	:	$\pm 3.1$ dB
Temperature	:	$\pm 0.5^{\circ}\text{C}$
Humidity	:	$\pm 1$ %
DC And Low Frequency Voltages	:	$\pm 1$ %

## **2. HUMAN EXPOSURE TO THE ELECTROMAGNETIC FIELDS**

### **2.1 Test Methodology**

#### 2.1.1. General description of applied standards

According to its specifications, the EUT must comply with the requirements of the following standards: EN 62479- Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)

#### 2.1.2. Description of test modes

The EUT has been tested under its typical operating condition. Pre-defined engineering program for regulatory testing used to control the EUT for staying in continuous transmitting and receiving mode is programmed.

### **2.2 Test limit**

If the average power emitted by apparatus operating in the frequency range 10 MHz - 300GHz is less than or equal to 20mW and the transmitting peak power is less than 20 W then the apparatus is deemed to comply with the basic restrictions without testing.

### **2.3 Test Results**

Since Max. output power at wireless is 1.89mW (2.76dBm According to radio test report GST1410170649H) less than 20mW specified in EN 62479. This unit will not generate the harmful EM emission above the reference level as specified in EC Council Recommendation (1999/519/EC).

The unit complies with the EN 62479 for RF exposure requirement.

No non-compliance noted.

### **3. MANUFACTURER/ APPROVAL HOLDER DECLARATION**

Belong to the tested device:

Product description : Kids GPS Watches

Model name : H1

-----THE END OF REPORT-----